

09/848,984 3706C (CON) - TAKEN FROM:

Form PTO-1449 (Modified)	Atty Docket No.: 3706	Serial No.: 08/350,297
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant: Hu, et al.	
	Filing Date: 12/6/94	Group:

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JMA	* 4 7 8 0 4 4 7	10/25/93	KIMETAL	520	13	
JMA	* 4 7 8 0 4 4 7	10/25/93	WATANABE ET AL	520	13	
JMA	* 4 9 6 5 2 4 3	10/23/90	YAMADA ET AL	508	134	
JMA	* 5 0 5 7 4 8 3	11/6/91	WATANABE	520	13	
JMA	* 4 7 8 0 4 4 7	11/2/93	OMA ET AL	520	13	
JMA	* 3 9 5 6 1 8 8	5/11/76	HINDIN ET AL	203	13	
JMA	* 4 0 2 1 1 8 5	5/3/77	HINDIN ET AL	431	7	
JMA	* 4 0 8 7 2 3 1	5/6/96	SAWAMURA ET AL	502	32	
JMA	* 4 1 8 9 4 0 4	2/19/90	Keith ET AL	252	112	

*submitted in related
previously filed IDS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER *James R. Hickland*

DATE CONSIDERED 9/19/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)		Atty Docket No.:	Serial No.:
		3706	08/350,297
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant:	Hu, et al.
		Filing Date:	Group:
		12/6/97	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JNA	* 4 1 3 4 8 6 0	1/16/79	HINDEN et al	253	466	—
JNA	* 4 1 7 1 2 8 8	10/16/79	KEITH et al	254	162	—
JNA	* 4 7 1 4 6 9 4	12/20/82	WAN et al	502	—	RECEIVED
JNA	* 4 7 2 7 0 5 2	1/23/88	WAN et al	502	—	AUG 21 1991
JNA	* 4 7 0 8 9 4 6	11/24/87	CHATA et al	502	304	10 1700
JNA	* 4 9 2 3 8 4 2	5/8/90	SUMMERS	502	304	—
JNA	* 4 8 0 8 5 6 4	2/28/89	MATSUMOTO et al	502	303	—
JNA	* 4 4 3 8 2 1 9	3/20/84	BRANDENBURG et al	502	933	—
JNA	* 4 4 7 6 2 4 6	10/9/84	KIM et al	502	307	—
JNA	* 4 5 9 1 5 7 8	5/27/86	FOLEY et al	502	185	—
JNA	* 4 5 9 1 5 8 0	5/27/86	KIM et al	502	303	—

* submitted in related previously filed IDS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Translation	
						Yes	No
JNA	* 10 1 2 1 00 3 2	8/3/89	JAPAN	—	—		
JNA	* AU 6 1 15 7 2 1	2/9/89	AUSTRALIA	—	—		
JNA	* 16 3 0 7 7 5 4 4	7/7/89	JAPAN	—	—		
JNA	* JP 7 1 5 3 8 8 7	4/2/87	JAPAN	—	—		

* submitted in related OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) previously filed IDS

EXAMINER

John N. Strickland

DATE CONSIDERED

9/19/91

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 3706	SERIAL NO. 08/350,297
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Hu, et al.	
		FILING DATE: December 6, 1994	GROUP: 1103

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

*submitted in related previously filed IDS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JKR	0 460 542 A2*	12/11/91	EPO	F01N 3/20	X	
JNG	0 613 714 A2*	9/7/94	EPO	B01D 53/36	X	
JKR	WO 96/17671*	6/13/96	PCT	B01D 53/94	X	

, related

*references submitted with previously filed Information Disclosure Statement

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

JNA	SAE 932765 A Warm-Up and Underfloor Converter Parametric Study * (October 1993)
JNA	SAE 960796 The Development of a Close Coupled Plus Underfloor Catalyst for a ULEV Application * (1996)

*submitted with related previously filed IDS

Examiner *James N. Hickland*

Date Considered 9/19/101

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Hu, et al.	
		FILING DATE: December 6, 1994	GROUP:

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
PM	0 387 611 *	9/19/90	EPO	B01D 53/36	X	
PM	0 399 892 *	11/28/90	EPO	B01J 23/56		X
PM	0 460 542 A2 *	12/11/91	EPO	F01N 3/20	X	
PM	0 613 714 A2 *	9/7/94	EPO	B01D 53/36	X	
PM	2 328 512 *	5/20/77	France	B01J 23/86		X

*submitted with related previously filed IDS

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner James H. Richardson Date Considered 9/19/61

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09/848,984 3706C (CON) - TAKEN FROM:

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

ATTY DOCKET NO. 3706A

SERIAL NO. CPA of
08/350,297 filed
December 6, 1994

APPLICANT: Hu, et al.

FILING DATE: January 12, 1998 GROUP: 1103



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
<i>JMA</i>	WO 98/17671 *	8/13/98	PCT	B01D-53/94	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*submitted in related previously filed IDS

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

<i>JMA</i>	LOW-EMISSION VEHICLE AND ZERO-EMISSION VEHICLE PROGRAM REVIEW, STAFF REPORT, State of California, California Environmental Protection Agency, Air Resources Board, November 1996 *
<i>JMA</i>	DRAFT DISCUSSION PAPER FOR THE LOW-EMISSION VEHICLE AND ZERO-EMISSION VEHICLE WORKSHOP ON MARCH 25, 1994, LOW-EMISSION VEHICLE PROGRAM COSTS, State of California, California Environmental Protection Agency, Air Resources Board *
<i>JMA</i>	CLEAN AIR, Technology News, Summer 1994, Institute of Clear Air Companies, Manufacturers of Emission Controls Association *
<i>JMA</i>	CATALYTIC AIR POLLUTION CONTROL, Commercial Technology by R.M. Heck and R.J. Farrauto, Engelhard Corporation Research & Development, Van Nostrand Reinhold Publishers, Pages 73-111, 1995 *
<i>JMA</i>	SAE 960797 STUDY OF DIVIDED CONVERTER CATALYTIC SYSTEM SATISFYING QUICK WARM UP AND HIGH HEAT RESISTANCE by T. Takada, H. Hirayama, T. Itoh and T. Yaegashi, Toyota Motor Corp., 1996 *
<i>JMA</i>	SAE 961904 WASHCOAT TECHNOLOGY AND PRECIOUS METAL LOADING STUDY TARGETING THE CALIFORNIA LEV MDV2 STANDARD by R. Smaling and S. Sung, Engelhard Corporation and R. Bartlett, General Motors Corp., 1996 *
<i>JMA</i>	SAE 950254, HIGH TEMPERATURE ULTRA STABLE CLOSE-COUPLED CATALYSTS by Z. Hu and R.M. Heck, Engelhard Corporation, 1995 *
<i>JMA</i>	SAE 980663, DEVELOPMENT OF CLOSE-COUPLED CATALYST SYSTEMS FOR EUROPEAN DRIVING CONDITIONS by A. Waltner, G. Loose, A. Hirschmann - Daimler-Benz AG and L. Müßmann, D. Lindner, W. Müller - Degussa AG, 1998 *

*submitted with related previously filed IDS

Examiner <i>James A. Strickland</i>	Date Considered 9/19/01
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 3706A	SERIAL NO. CPA of 08/350,297 filed December 6, 1994
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Hu, et al.	
		FILING DATE: January 12, 1998	GROUP: 1103



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate
JMK	5,597,771 *	1/28/97	Hu, et al.	502/304	

*submitted in related previously filed IDS

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Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JMK	79110185 *	5/1979	Taiwan		X	
JMK	80104517 *	1991	Taiwan	F01N 3/24	X	
JMK	80214653 *	1980	Taiwan	F01N 3/18		X

*submitted in related previously filed IDS

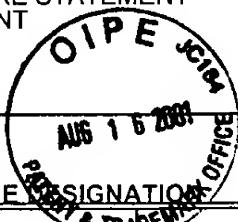
*A copy of what is believed to a corresponding English language patent application has been provided.

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner	<i>Jerry A. Fruchland</i>	Date Considered	<i>9/19/01</i>
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FORM PTQ-1449- U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO. 3793	SERIAL NO. 08/576,198
	APPLICANT: Hu, et al.	
	FILING DATE: December 21, 1995	GROUP:



REFERENCE DESIGNATION

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Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate
<i>JAA</i>	2,806,646	7/29/73	Keith, et al.	60/274	
<i>JAA</i>	4,171,288	10/16/79	Keith, et al.	262/462	
<i>JAA</i>	4,504,598	3/12/85	Ono, et al.	502/303	
<i>JAA</i>	4,624,940	11/25/86	Wan, et al.	502/251	
<i>JAA</i>	4,714,694	12/22/87	Wan, et al.	502/304	
<i>JAA</i>	4,727,052	2/23/88	Wan, et al.	502/327	
<i>JAA</i>	5,057,483	10/15/91	Wan, Chung-Zong	502/304	
<i>JAA</i>	5,106,588	4/21/92	Sims, et al.	422/180	
<i>JAA</i>	5,212,142	5/18/93	Dettling, Joseph C.	502/304	

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Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
<i>JAA</i>	0 387 611	9/19/90	EPO	B01D 53/36	X	
<i>JAA</i>	0 399 892	11/28/90	EPO	B01J 23/56		X
<i>JAA</i>	0 460 542 A2	12/11/91	EPO	F01N 3/20	X	
<i>JAA</i>	0 613 714 A2	9/7/94	EPO	B01D 53/36	X	
<i>JAA</i>	2 328 512	5/20/77	France	B01J 23/86		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

<i>JAA</i>	SAE 922338 Distribution of Warm-Up-and-Underfloor Catalyst Volumes, Ball, D.J. (1992)
<i>JAA</i>	SAE 93054 Novel Catalyst for Treating Exhaust Gases for Internal Combustion and Stationary Source Engines, Bhasin, M. (1993)
<i>JAA</i>	SAE 932765 A Warm-up and Underfloor Converter Parametric Study, Ball, D.J. (Oct 1993)
<i>JAA</i>	SAE 960796 The Development of a Close Coupled Plus Underfloor Catalyst for a ULEV Application, Chen, S.F., Amundson, A.R., Rabinowitz, H.N., Yamada, T. (1996)
<i>JAA</i>	Luccini, E., Meriani, S., & Sbaizero, O. (1989) "Preparation of Zirconia-Ceria Powders by Coprecipitation of a Mixed Zirconium Carbonate in Water with Urea", Int. J. Materials and Products Technology, Vol. 4, No. 2, pp. 167-175

Examiner <i>James A. Strickland</i>	Date Considered 9/18/01
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